

Fig. 1

N-terminal sequence of the 90 kDa and 65 kDa isoforms of angiotensin I converting enzyme

	2	5	10	15
90 ACE	Asp Pro	X	Leu Gln Pro Gly Asn Phe Ser	X Asp Glu Ala Gly Ala Gln Leu Phe
65 ACE	Asp Pro Gly	Leu Gln Pro Gly Asn Phe Ser Ala Asp Glu	X Gly Ala Gln Leu Phe	
Somatic ACE	Asp Pro Gly	Leu Gln Pro Gly Asn Phe Ser Ala Asp Glu Ala Gly Ala Gln Leu Phe		
Rat ACE	Asp Pro Gly	Leu Gln Pro Gly Asn Phe Ser Ala Asp Glu Ala Gly Ala Gln Leu Phe		
Mouse ACE	Asp Pro Gly	Leu Gln Pro Gly Asn Phe Ser Pro Asp Glu Ala Gly Ala Gln Leu Phe		
Bovine ACE	Asp Pro Ala	Leu Gln Pro Gly Asn Phe Pro Ala Asp Glu Ala Gly Ala Gln Ile Phe		

Fig. 2A

C-terminal sequence of the 90 kDa and 65 kDa isoforms of angiotensin I converting enzyme

65 kDa :

GYLVDQXRXGVFS

Somatic: **GLLDRVTDNTESDINYLLKMALEKIAFLPPFGYLVDQWRWGVFSGRTPPSRY**
 440 450 460 470 480

The 65 kDa enzyme ends at number 481 aminoacid

90 kDa:

EVLGXPEYQXHPP

Somatic: **VGLDALDAQPLLKYFQPVTQWLQEQNQQNQGEVLGWPEYQWHPPPLPDNYPE**
 590 600 610 620 630

The 90 kDa enzyme ends at number 632 aminoacid

Fig. 2B

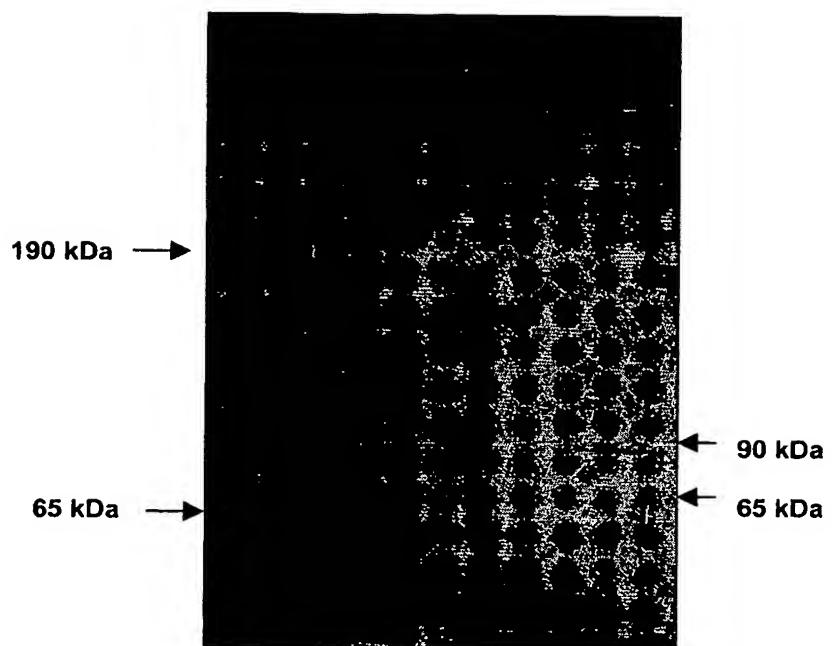


FIG. 3

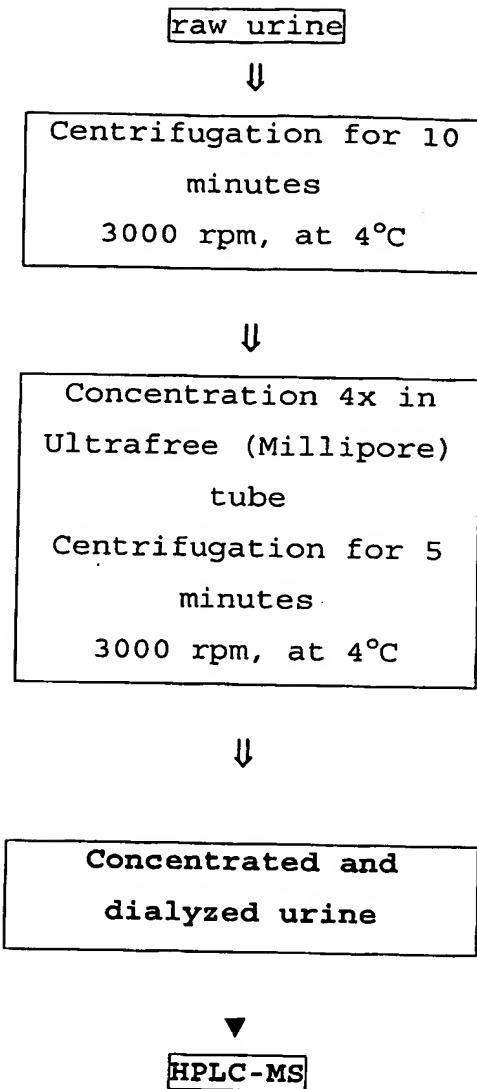


FIG. 4